

NEW

FLUKE®

FEV350 EV Charging Station Analyser



We are excited to announce the launch of the **Fluke FEV350 EV Charging Station Analyser**, our latest innovation designed to enhance the testing and maintenance of EV charging stations. This new model offers additional capabilities that build upon the solid foundation established by the Fluke FEV300, making it an essential tool for technicians seeking an all-in-one solution.

Available measurements:

- PE (protective) earth pre-test to ensure no dangerous voltage is present
- Visual inspection
- 30 mA RCD + 6 mA RDC-DD trip test
- Nominal voltage + phase sequence
- Auto control pilot (CP) with waveform analysis
- Proximity pilot
- Error testing

Supported measurements with compatible Fluke multifunction testers:

- Earth bond
- Insulation
- Loop/line impedance
- Compatible with EV Charging stations with Type 2 and Type 1 sockets/connectors
- Supported through TruTest™ software via EVSE module for documentation and reporting

What Sets the Fluke FEV350 EV Charging Station Analyser Apart: Integrated Advanced Testing

- The FEV350 performs 30 mA RCD + 6 mA RDC-DD trip tests, nominal voltage, phase sequence measurements, and error testing. Additional measurements like earth bond, insulation, and loop/line impedance can be conducted with the Fluke 1664.

Auto Control Pilot with Waveform Analysis

- The FEV350 simplifies complex testing procedures with an intuitive one-button press that activates auto control pilot testing with detailed waveform analysis.

Seamless Project Management & Reporting with TruTest

- The FEV350 allows users to create and store "projects" directly on the device, facilitating organised and efficient data management.

Specifications

Fluke FEV350	
General Specifications	
Input electrical ratings	1 Φ : 250 V max 3 Φ : 230/400V max, 50/60 Hz, max 1 A
Internal power consumption	3 W max
Size (H x W x D)	~(263 mm x 123 mm x 63 mm) without the TY1 or TY2 plug
Battery	4 x AA/IEC LR6 alkaline or IEC HR6 NiMH
Temperature	
Operating	-10 °C to 40 °C
Storage	-20 °C to 50 °C
Relative Humidity	
Operating	10 % to 85 %, 0 °C to 40 °C, non-condensing
Storage	up to 95 %
Wireless Radio, Bluetooth 5.0	
Frequency range	2412 MHz to 2462 MHz
Output power	< 100mW
Altitude	3000m
Safety	IEC 61010-1: Pollution Degree 2, IEC 61010-2-030, CAT II 300 V, Protection Class II
Performance	IEC 61557-1, IEC 61557-6, IEC 61557-7, IEC 61557-10
Ingress protection	IEC 60529: IP40



Fluke FEV350 EV Charging Station Analyser Kits



FLUFEV350/TY2/TY1 EV Charging Station Analyser Type 1 + Type 2



FLUFEV350/TY2 EV Charging Station Analyser Type 2



FLUFEV350/TY2/TY1PRO EV Charging Station Analyser Type 1 + Type 2 PRO



FLUFEV350/TY2PRO EV Charging Station Analyser Type 2 PRO

Part No.	Description
FLUFEV350	EV Charging Station Analyzer
FLUFEV350/TY2/TY1	EV Charging Station Analyzer with Type 1 & Type 2 Connectors
FLUFEV350/TY2	EV Charging Station Analyzer with Type 2 Connector
FLUFEV350/TY2/TY1PRO	EV Charging Station Analyzer Trutest, Type 1 & Type 2
FLUFEV350/TY2PRO	EV Charging Station Analyzer Trutest, Type 2
FLUZEROADAPTER/TY2	Zero Adaptor, Type 2
FLUZEROADAPTER/TY1	Zero Adaptor, Type 1
FLUFEV300-CON/TY1	Connector, Type 1 Test Adaptor
FLUFEV300-CON/TY2	Connector, Type 2 Test Adaptor

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